



RESOURCES – Renewable Energy

Michigan Energy Fair, Manistee County Fairgrounds, Onekama
June 22-24, 2007, www.GLREA.org, 517-646-6269

Installations

Wind generators, Solar Panels and accessories

John Heiss, Northwoods Energy Alternatives, 231-256-8868 – specializes in wind power, works with all (Lake Leelanau, works anywhere)

Jim Thompson, 231-631-0518, Traverse City, will travel. Specializes in small wind installation

Allan O'Shea, Contractors Building Supply, 18969 Cadillac Highway, Copemish, Michigan 49625, 1-888-624-1324 or cell 1-231-510-1817. –solar and wind; Also solar water heating.

Listings of Contractors:

Great Lakes Renewable Energy Association

517-646-6269, email info@glrea.org, www.glrea.org

Urban Options: (517) 337-0422, Send email to: Information@UrbanOptions.org. Listings at <http://www.urbanoptions.org/resources/guides.php>, click on Michigan's Energy Product & Service Providers

Michigan Energy Office:

http://www.michigan.gov/documents/CIS_EO_Inside_broch_solar_and_wind_67997_7.pdf

Consulting, mostly commercial

Steve Smiley, Bay Energy Services, 231-271-4850 (based in Traverse City)

THE periodical for renewable energy

Home Power, 800-707-6585, www.homepower.com

A favorite catalogue-based supplier:

Backwoods Solar, 1589 Rapid Lightning Creek Rd, Sandpoint, Idaho 83864 USA 208-263-4290
info@backwoodssolar.com, www.backwoodssolar.com

Recommended Reading

Reducing energy use:

The Home Energy Diet: How to Save Money by Making Your House Energy-Smart By Paul Scheckel

*This book is valuable for *anyone* wanting to cut energy costs or understand household energy

How-to books on renewables

Achieving Energy Independence – One Step at a Time by Jeffrey R. Yago

The Homeowner's Guide to Renewable Energy by Dan Chiras – overview of RE technologies

Power with Nature – Solar and Wind Power Demystified by Rex A. Ewing

Farm Bill: May still be available for 2007 (assuming appropriation): 25% grants, guaranteed loans up to 50% of project for renewable energy, energy efficiency projects. Project size \$10,000 and up. Small projects are encouraged. Funding has been allocated, awaiting appropriation. Call Rick Vanderbeek at USDA Rural Development office in Lansing: 517-324-5218.

TAX CREDITS: go to energy.gov or call John Sarver, Michigan Energy Office, 517-241-6280

Web Resources

Financing, grants:

- <http://www.michigan.gov/netmetering>. Look at the FINANCING link in middle of page left to right and near bottom of page top to bottom.
- <http://www.michigan.gov/eorenew>
- <http://www.michigan.gov/biomass>.

Alternative Farming Systems Information Center (USDA)
What Alternative Energy Options are Available for Farms?
URL: www.nal.usda.gov/afsic/altenergy/altenergy.htm

Welcome to the MSU Extension Wind Energy Home Page!

<http://web1.msue.msu.edu/wind/>

NAVIGATION TIPS:

The **Options** button identifies the basic types of wind installation.

The **MI Wind Maps** button links you to the State Energy Office's new maps of wind potential.

The **FAQs** button answers common questions Michigan land owners ask.

The **Links** button provides a brief summary of many sites with extensive wind information.

The **Glossary** accesses definitions of commonly used technical terms associated with wind energy.

The **Events** button helps you find information on seminars related to wind energy.

Energy in Agriculture – ATTRA

ATTRA Publications, 1-800-346-9140, URL: <http://attra.ncat.org/energy.html>

Anaerobic Digestion of Animal Wastes: Factors to Consider

Biodiesel—A Primer

Efficient Agricultural Buildings: An Overview

Solar-Powered Livestock Watering Systems

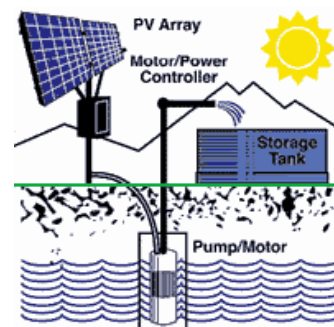
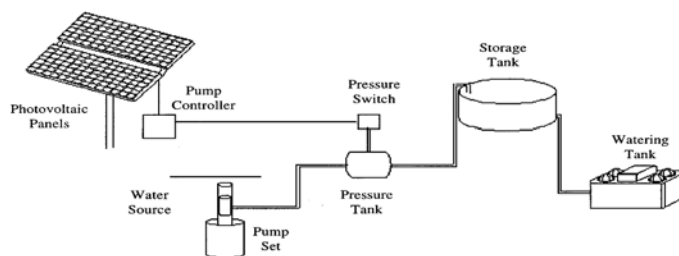
Freeze Protection for Solar-powered Livestock Watering Systems

Wind-powered Electric Systems for Homes, Farms, and Ranches: Resources

Solar Greenhouses Resource List

Compost Heated Greenhouses

* Plus many links to solar, biomass and wind resources



Solar Direct Resources (pumping from PV without batteries)

<http://www.builditsolar.com/Projects/WaterPumping/waterpumping.htm> listing of many solar (and other) pumping options with links

<http://www.solar-stream.com/Johnson1.htm> - pumps, kits (incl solar panels and controller)

<http://www.backwoodshome.com/articles2/yago91.html> How-to article

<http://www.sunelco.com/swp.aspx> guide to solar pumping, info on pump options

Information presented by

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